

## CLAIMS

1. An organic electroluminescent device comprising a pair of electrodes and a plurality of organic compound layers, which include an electron transport layer, provided between the pair of electrodes, the organic electroluminescent device characterized in that

the electron transport layer including at least a first organic compound and a second organic compound, wherein

the first organic compound possesses a higher electron mobility than the second organic compound; and

the second organic compound possesses a higher glass transition temperature than the first organic compound.

2. An organic electroluminescent device comprising a pair of electrodes and a plurality of organic compound layers, which include an electron transport layer, provided between the pair of electrodes, the organic electroluminescent device characterized in that

the electron transport layer including at least a first organic compound and a second organic compound, wherein

the first organic compound possesses a higher electron mobility than the second organic compound; and wherein

the first and second organic compounds are selected so that a second organic electroluminescent device has a longer initial luminance half-life than a first organic electroluminescent device, provided that the first organic electroluminescent device has an electron transport layer formed only of the first organic compound, and the second organic electroluminescent device has an electron transport layer formed only of the second organic compound.

3. The organic electroluminescent device according to claim 1 or 2, characterized in that the first organic compound is a silole derivative.

4. The organic electroluminescent device according to any one of claims 1 to 3, characterized in that the first organic compound has a molecular weight of 400 or more.

5

5. The organic electroluminescent device according to any one of claims 1 to 4, characterized in that the second organic compound is a metal complex.

10

6. The organic electroluminescent device according to claim 5, characterized in that the metal complex is a quinolinolate metal complex.

15

7. The organic electroluminescent device according to any one of claims 1 to 6, characterized in that the first organic compound is from 1% or more to 50% or less by weight of the total weight of the electron transport layer.

20

8. The organic electroluminescent device according to any one of claims 1 to 7, characterized in that the first and second organic compounds are mixed in the electron transport layer.

25

9. The organic electroluminescent device according to claim 8, characterized in that the electron transport layer is formed by co-deposition of the first and second organic compounds.

30

10. The organic electroluminescent device according to any one of claims 1 to 7, characterized in that the electron transport layer has a first layer of the first organic compound and a second layer of the second organic compound.

35

11. The organic electroluminescent device according to any one of claims 1 to 10, characterized in that the electron

transport layer has a thickness of from 5 to 100 nm.

12. The organic electroluminescent device according to any one of claims 1 to 11, characterized in that a hole  
5 injection layer, a hole transport layer and a light-emitting layer are further provided between the pair of electrodes as the organic compound layer.